FEDERAL ITEM IDENTIFICATION GUIDE

LAMPHOLDERS

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Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Table of Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

Index of Master Requirement Codes

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
LAMPHOLDER	16208	A

An electric fitting primarily designed to electrically and mechanically accommodate a lamp. It may include an integral switch, transformer, or dropping resistor, provided these items control the lamp only. It does not include a shade, lens, reflector, or other item for modifying illumination. For items designed to mount on a CONDUIT OUTLET or JUNCTION BOX, see FIXTURE, LIGHTING.

LAMPHOLDER ASSEMBLY	04585	B

Two or more lampholders having a common mounting or mounted on each other. It may include switches or dropping resistors, provided these items control the lamps only. Excludes FIXTURE, LIGHTING.

APPLICABILITY KEY INDEX

	A	B
NAME	X	X
STYL	X	X
ABHP	AR	AR
ABKV	AR	AR
ABKW	AR	AR
ABMK	AR	AR
ABNM	AR	AR
ABTB	AR	AR
ABTH	AR	AR
AAFZ	AR	AR
AEUG	AR	AR
AFRU	AR	AR
AEUH		X
AEUJ	X	X
AHGF		X
AHGG		AR
AHGH		AR
ELEC	AR	AR
AMPS	AR	AR
ABJL	AR	AR
AARB	X	X
AARA	X	X
AHHZ	AR	AR
AHGJ	AR	AR
ADJH	AR	AR
AALY	AR	AR
ACUP	AR	AR
CRWG	AR	AR
ABGL	AR	AR
ABRY	AR	AR
ABTD	AR	AR
ABVG	AR	AR
AKQJ	AR	AR
AKQK	AR	AR
HGTH	AR	AR
AJUX	AR	AR
AEUR	AR	AR
AEUS	AR	AR
AHGK	AR	AR
ABFE	AR	AR
AEUU	AR	AR
AEUV		X
AHGL		AR
AHGM		AR
MARK	AR	AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR

ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
CXCY	AR	AR
AGAV	AR	AR
AFHV	AR	AR
AKNA	AR	AR
AAPL	AR	AR
AFJQ	AR	AR
AFJK	AR	AR
AJCN	AR	AR
AFJJ	AR	AR
AFJN	AR	AR
SUPP	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR

SECTION I

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
			Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.
			Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED16208*)
ALL			
	STYL	L	STYLE DESIGNATOR
			Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.
			Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group A. (e.g., STYLLA3*)
			When the assembly is composed of identical lampholders, enter one reply. (e.g., STYLLA3*)
			For an assembly which does not have the same holder style, enter a reply for each holder, using AND Coding entering in ascending sequence. (e.g., STYLLA3$$LA5*).
			Refer to Appendix C, Table 6 for AND Coding address print-out data.
NOTE FOR MRC AAFZ: REPLY TO MRC AAFZ ONLY WHEN STYLES A1 THRU A33, A42 THRU A46, AND A55 ARE ENTERED FOR MRC STYL.			
ALL* (See Note Above)			
	AAFZ	D	BODY MATERIAL
			Definition: THE BASIC MATERIAL OF WHICH THE BODY IS FABRICATED.
			Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AAFZDBR0000*; AAFZDBR0000$$DBR0018*; AAFZDBR0000$DBR0018*)

APP Key	MRC	Mode Code	Requirements

When the item is an assembly and the replies are identical, enter one reply. (e.g., AAFZDBR0000*)

When the item is an assembly and has nonidentical holders; use AND Coding entering a separate reply for each style, in that sequence. (e.g., AAFZDBR0000$$DBB0000*)

For items with multiple or optional materials, use AND Coding and AND/OR coding. (e.g., AAFZDBR0000$$DBN0000*; AAFZDPC0000$DBH0000*)

Refer to Appendix C, Table 6, for AND Coding address print-out data.

ALL*

AEUG D SHELL MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SHELL IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AEUGDBR0000*; AEUGDBR0000$$DBR0018*; AEUGDBR0000$DBR0018*)

When the item is an assembly and the replies are identical, enter one reply. (e.g., AEUGDBR0000*)

When the item is an assembly and has nonidentical holders, use AND coding ($$) entering a separate reply for each style entered for MRC STYL, in that sequence. (e.g., AEUGDBR0000$$DBB0000*; AEUGDBR0000$DBB0000*)

ALL*

AFRU D SHELL SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SHELL SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6. (e.g., AFRUDNFG000*; AFRUDNFG000$$DAGE000*; AFRUDNFG000$DAGE000*)

B

AEUH A LAMP ACCOMMODATION QUANTITY

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF LAMPS THAT CAN BE ACCOMMODATED BY THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., AEUHA3*)

ALL

AEUJ D LAMP BASE TYPE ACCOMMODATED

Definition: INDICATES THE TYPE OF LAMP BASE THE ITEM WILL ACCOMMODATE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AEUJDAH*; AEUJDEE$DEF*)

B

AHGF A LAMPHOLDER QUANTITY

Definition: THE NUMBER OF LAMPHOLDERS INCLUDED ON THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., AHGFA4*)

B *

AHGG A LAMPHOLDER MANUFACTURER CODE

Definition: THE IDENTIFYING NUMERIC CODE OF THE ORIGINATOR THAT CONTROLS OR MANUFACTURERS THE LAMPHOLDER.

Reply Instructions: Enter the manufacturers 5-position Commercial and Government Entity (CAGE) Code. (e.g., AHGGA36363*)

When all the holders in an assembly have identical codes, enter a single reply. (e.g., AHGGA36363*)

When all the holders in an assembly have different codes, use AND coding ($$) entering in ascending sequence. (e.g., AHGGA13499$$A36363*)

B *

AHGH A LAMPHOLDER MANUFACTURER PART NUMBER

Definition: THE IDENTIFYING PART NUMBER ASSIGNED TO THE LAMPHOLDER BY THE MANUFACTURER.

APP Key	MRC	Mode Code	Requirements
			Reply Instructions: Enter the manufacturers identifying number. (e.g., AHGHA43B*; AHGHA43B$$A61C*)
ALL*			
	ELEC	B	VOLTAGE IN VOLTS
			Definition: THE TOTAL ELECTRICAL VOLTAGE.
			Reply Instructions: Enter the numeric value. For multiple voltages, use AND coding ($$) entering in ascending sequence. (e.g., ELECB115.0*; ELECB220.0$$B440.0*)
			When the item is an assembly and the replies are identical, enter one reply. (e.g., ELECB115.0*)
ALL*			
	AMPS	B	CURRENT RATING IN AMPS
			Definition: THE ELECTRICAL CURRENT RATING, EXPRESSED IN AMPERES.
			Reply Instructions: Enter the numeric value. (e.g., AMPSB7.5*; AMPSB7.5$$B9.5*)
			For items not rated, change the Mode Code to K and enter Reply Code N. (e.g., AMPSKN*)
			When the item is an assembly and the replies are identical, enter one reply. (e.g., AMPSB7.5*)
ALL*			
	ABJL	B	WATTAGE RATING IN WATTS
			Definition: THE RATED POWER THAT AN ITEM CAN SAFELY CONSUME OR PROVIDE, MEASURED IN WATTS.
			Reply Instructions: Enter the numeric value. (e.g., ABJLB660.0*; ABJLB660.0$$B680.0*)
			For items not rated, change the Mode Code to K and enter Reply Code N. (e.g., ABJLKN*)
			When the item is an assembly and the replies are identical, enter one reply. (e.g., ABJLB660.0*)
ALL			

APP Key	MRC	Mode Code	Requirements
	AARB	D	TERMINAL TYPE

Definition: INDICATES THE TYPE OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AARBDAA*; AARBDAA$$DBP*; AARBDAA$DBP*)

When the item is an assembly and the replies are identical, enter one reply. (e.g., AARBDAA*)

ALL

	AARA	A	TERMINAL QUANTITY

Definition: THE NUMBER OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AARAA2*; AARAA2$$A3*)

When the item is an assembly and the replies are identical, enter one reply. (e.g., AARAA2*)

NOTE FOR MRC AHHZ: REPLY TO MRC AHHZ ONLY WHEN REPLY CODE BB OR CK IS ENTERED FOR MRC AARB.

ALL* (See Note Above)

	AHHZ	J	WIRING PROVISION LENGTH

Definition: THE MEASUREMENT OF EACH WIRING PROVISION OF AN ITEM TAKEN FROM THE BODY TO THE ENDS OF THE WIRING PROVISION, INCLUDING ANY TERMINATIONS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AHHZJAA1.000*; AHHZJLA25.4*; AHHZJAA4.500$$JAA15.500*)

When the source document specifies a tolerance or range, use AND coding ($$) entering the minimum value first. (e.g., AHHZJAB2.495$$JAC2.503*; AHHZJAA4.500$$JAA15.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AHGJ D MOUNTING FEATURE TYPE

Definition: INDICATES THE TYPE OF FEATURE USED TO MOUNT THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHGJDB*; AHGJDB$$DC*; AHGJDB$DC*)

When the item is an assembly and the replies are identical, enter one reply. (e.g., AHGJDB*)

REPLY CODE	REPLY (AF30)
A	ANY ACCEPTABLE
B	FLUSH
C	SURFACE

ALL*

ADJH D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ADJHDGB*; ADJHDAD$$DYX*; ADJHDAD$DYX*)

When the item is an assembly and the replies are identical, enter one reply. (e.g., ADJHDGB*)

ALL*

AALY D MOUNTING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE MOUNTING IS FABRICATED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AALYDBR0000*; AALYDBR0000$$DST0000*; AALYDBR0000$DST0000*)

ALL*

ACUP A MOUNTING DEVICE QUANTITY

Definition: THE NUMBER OF MOUNTING DEVICES USED AS A MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ACUPA3*)

NOTE FOR MRC CRWG: REPLY TO MRC CRWG ONLY WHEN REPLY CODE AB IS ENTERED FOR MRC ADJH.

ALL* (See Note Above)

CRWG L MOUNTING BRACKET STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE MOUNTING BRACKET.

Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group B. (e.g., CRWGLB2*)

NOTE FOR MRC AJUX: REPLY TO MRC AJUX ONLY WHEN REPLY CODE CR IS ENTERED FOR MRC ADJH.

ALL* (See Note Above)

AJUX L MOUNTING CLIP STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE MOUNTING CLIP.

Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group C. (e.g., AJUXLC3*)

ALL*

ABFE D HAZARDOUS LOCATIONS/ENVIRONMENTAL PROTECTION

APP Key	MRC	Mode Code	Requirements

Definition: THE SPECIFIC COMMERCIAL RATING WHICH CLASSES THE ITEM AS TO WHAT DEGREE THE ITEM WILL WITHSTAND ENVIRONMENTAL ELEMENTS AND/OR HAZARDOUS LOCATIONS.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. For multiple ratings, use AND coding ($$) entering in alphabetic sequence. (e.g., ABFEDAB*; ABFEDAH$$DAV*; ABFEDAH$DAV*)

ALL*

AEUU D ACCESSORY MOUNTING PROVISION

Definition: THE PROVISIONS FURNISHED FOR MOUNTING ACCESSORIES IN OR ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEUUDB*; AEUUDB$$DH*; AEUUDB$DH*)

REPLY CODE	REPLY (AD37)
B	GROOVE (for attaching clamp type shade holder)
D	INTEGRAL SHADE HOLDER
H	LEDGE (for shade holder)
E	METAL CLIP (for attaching reflector)
F	RIM (for attaching wireguard glare shield lens holder)
G	SQUARE SHANK (for optical instrument cell assembly)
C	THREAD (to accommodate standard threaded type shade holder)

B

AEUV D MOUNTING STRIP

Definition: AN INDICATION OF WHETHER OR NOT A STRIP TO BE USED AS A MEANS OF ATTACHING THE ITEM IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEUVDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements
B *			
	AHGL	A	MOUNTING STRIP MANUFACTURER CODE
			Definition: THE IDENTIFYING NUMERIC CODE OF THE ORIGINATOR THAT CONTROLS OR MANUFACTURES THE MOUNTING STRIP.
			Reply Instructions: Enter the manufacturers 5-position Commercial and Government Entity (CAGE) Code. (e.g., AHGLA04773*)
B *			
	AHGM	A	MOUNTING STRIP MANUFACTURER PART NUMBER
			Definition: THE IDENTIFYING PART NUMBER ASSIGNED TO THE MOUNTING STRIP BY THE MANUFACTURER.
			Reply Instructions: Enter the manufacturers identifying number. (e.g., AHGMA645SP*)
ALL*			
	MARK	G	SPECIAL MARKINGS
			Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS, OR THE LIKE.
			Reply Instructions: Enter all special markings in clear text. (e.g., MARKG24*)
ALL*			
	FEAT	G	SPECIAL FEATURES
			Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.
			Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)
ALL*			
	TEST	J	TEST DATA DOCUMENT

APP Key	MRC	Mode Code	Requirements

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

ALL*

ZZZX G DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)

ALL*

APP Key	MRC	Mode Code	Requirements
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

ALL*

	CRTL	A	CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)

	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

ALL*

CXCY G PART NAME ASSIGNED BY CONTROLLING AGENCY

APP Key	MRC	Mode Code	Requirements

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

SECTION III

APP Key	MRC	Mode Code	Requirements
ALL	AGAV	G	END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

APP Key	MRC	Mode Code	Requirements
ALL	AFHV	J	UNPACKAGED UNIT WEIGHT

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFHVJU2.125*)

For items weighing less than l6 ounces, record in ounces. For items weighing l6 ounces or more, record in pounds. For items indicating pounds and ounces, see Appendix C, Table 5 for conversion. For items weighing less than l000 grams, record in grams. For items weighing l000 grams or more, record in kilograms.

REPLY CODE	REPLY (AB16)

APP Key	MRC	Mode Code	Requirements
		R	GRAMS
		K	KILOGRAMS
		U	OUNCES
		P	POUNDS

ALL

AKNA D INCLOSURE TYPE

Definition: INDICATES THE TYPE OF INCLOSURE PROVIDED TO COAT, COVER, PROTECT, OR ENCASE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKNADAD*; AKNADAD$$DAH*; AKNADAD$DAH*)

REPLY CODE	REPLY (AG85)
A	ANY ACCEPTABLE
AH	FULLY INCLOSED (sealed) (friction gasketed or coated) (paint, varnish, plastic, etc.) (applied in such a manner as to provide water vaporproof protection to the critical* portion of the item)
AD	HERMETICALLY SEALED
AB	UNICLOSED (unsealed) (critical* element or surface is accessible to moisture)

ALL

AAPL J TORQUE LOAD RATING

Definition: THE ABILITY OF AN ITEM TO WITHSTAND A SPECIFIED TORQUE LOAD WITHOUT FRACTURE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AAPLJA8.5*)

If the item is unrated, change Mode Code to K and enter Reply Code N. (e.g., AAPLKN*)

REPLY CODE	REPLY (AA56)
D	CENTIMETER-GRAMS
K	CENTIMETER-KILOGRAMS
A	INCH-OUNCES
G	INCH-POUNDS

APP Key	MRC	Mode Code	Requirements

ALL

AFJQ J STORAGE TEMP RANGE

Definition: THE MINIMUM AND MAXIMUM TEMPERATURES AT WHICH AN ITEM CAN BE STORED WITHOUT DETRIMENTAL EFFECT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the minimum and maximum values. (e.g., AFJQJFP50.0/P70.0*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS (centigrade)
F	DEG FAHRENHEIT

ALL

AFJK J CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB3.125*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL

AJCN D PROTECTIVE STORAGE FEATURE

Definition: THE PECULIAR STORAGE FEATURE(S) REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJCNDCZ*; AJCNDCV$$DCZ*; AJCNDCV$DCZ*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA65)
CV	GENERAL PURPOSE
CZ	SECURITY

ALL

AFJJ D STORAGE TYPE

Definition: INDICATES THE TYPE OF STORAGE SPACE REQUIRED FOR AN ITEM IN ORDER TO PROVIDE THE DEGREE OF PROTECTION NECESSARY TO MAINTAIN SERVICEABILITY STANDARDS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJJDE*; AFJJDB$DE*)

REPLY CODE	REPLY (AD41)
B	CLOSED SHED
E	GENERAL PURPOSE WAREHOUSE

ALL

AFJN D FRAGILITY FACTOR

Definition: THE MEASURE OF SENSITIVITY OF THE ITEM TO BE PACKAGED. A FACTOR USED BY PACKAGING ENGINEERS IN DEVISING PROPER CUSHIONING IN A PACKAGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJNDB*)

REPLY CODE	REPLY (AD40)
D	DELICATE
B	EXTREMELY FRAGILE
E	MODERATELY DELICATE
F	MODERATELY RUGGED
G	RUGGED
C	VERY DELICATE

ALL

SUPP G SUPPLEMENTARY FEATURES

APP Key	MRC	Mode Code	Requirements
			Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT. Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)
ALL			
	ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
			Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY. Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document. (e.g., ZZZPJ81A37-30624A*)
ALL			
	ZZZV	G	FSC APPLICATION DATA
			Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY. Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFLIGHT CONTROL SYSTEM*)

Reply Tables

Table 1 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
A	ANY ACCEPTABLE
BC0000	BERYLLIUM COPPER
BC0074	BERYLLIUM COPPER, QQ-C-533, 1/2H
BB0000	BLACK NICKEL
BR0000	BRASS
BR0018	BRASS, QQ-B-626, COMP 22
BN0000	BRONZE
CJ0000	CERAMIC
CU0000	COPPER
FB0000	FIBER
GS0000	GLASS
GSA000	GLASS, EPOXY
ME0000	METAL
PFA000	PAPER, FISHPAPER
PZ0000	PHOSPHOR BRONZE
PC0000	PLASTIC
PCEEA0	PLASTIC, ACETAL RESIN
PCM000	PLASTIC, MELAMINE
PC0110	PLASTIC, MIL-P-19833, TYPE GDI-30F
PCAAL0	PLASTIC, PHENOL-FORMALDEHYDE
PCW000	PLASTIC, PHENOLIC
PCAAZ0	PLASTIC, PHENOLIC LAMINATE
PC0021	PLASTIC, PHENOLIC, MIL-M-14, TYPE CFG
PCAA00	PLASTIC, POLYCARBONATE
PC0067	PLASTIC, POLYESTER, MIL-M-14, TYPE MAI-30
PC0068	PLASTIC, POLYESTER, MIL-M-14, TYPE MAI-60
PL0000	POLYAMIDE NYLON

REPLY CODE	REPLY (AD09)
PLK000	POLYAMIDE NYLON, GLASS FILLED
BH0000	PORCELAIN
RC0000	RUBBER
RCH000	RUBBER, CHLOROPRENE (Neoprene)
RCAZ00	RUBBER, HARD
RC0013	RUBBER, MIL-R-2765
ST0000	STEEL
STB992	STEEL, AMS 5349, COND A
ST1052	STEEL, CARBON
STC000	STEEL, COLD ROLLED
STB000	STEEL, CORROSION RESISTING
ST2775	STEEL, MIL-S-7720, COMP 303S, COND A
WD0000	WOOD
ZN0000	ZINC

Table 2 - LAMP BASE TYPES

LAMP BASE TYPES

REPLY CODE	REPLY (AD36)
AA	ADMEDIUM SCREW
AB	ADMEDIUM SCREW SKIRTED
AE	BRASS FERRULE
AF	CANDELABRA SCREW
AG	CANDELABRA SCREW SKIRTED
AH	CARTRIDGE TWO PIN POLARIZED
AJ	CERAMIC TUBULAR WITH FLEXIBLE WIRE LEADS
AK	DISK LUMILINE
AL	DISK WITH THREE SOLDERING PINS, 1 1/8 INCH DIA
AM	DISK WITH THREE SOLDERING PINS, 1 3/8 INCH DIA
AN	DISK WITH THREE WIRE LEADS
AP	DOUBLE CONTACT BAYONET CANDELABRA
AQ	DOUBLE CONTACT BAYONET CANDELABRA EXPORT
AR	DOUBLE CONTACT BAYONET CANDELABRA INDEXING
AS	DOUBLE CONTACT BAYONET CANDELABRA SKIRTED
AT	DOUBLE CONTACT BAYONET

REPLY CODE	REPLY (AD36)
AU	PINLESS DOUBLE CONTACT CANDELABRA PREFOCUS
AV	DOUBLE CONTACT MEDIUM BAYONET EXPORT
AW	DOUBLE CONTACT MEDIUM RING
AX	DOUBLE CONTACT MINIATURE FLANGED
AY	DOUBLE INTERMEDIATE SCREW
AZ	DOUBLE SLIDE
BA	EXTENDED MOGUL END PRONG WITH CERAMIC BLOCK
BB	FERRULE CONTACT
BC	FLEXIBLE STRAP
BD	FLEXIBLE WIRE LEADS
BE	FOUR PIN CIRCLINE
BF	FOUR PIN INDEXING
BG	GIANT FIVE PIN
BH	GLASS GROOVE
BJ	GUNSIGHT SCREW
BK	INSULATED SLEEVE WITH FLEXIBLE WIRE LEADS
BL	INTERMEDIATE SCREW
BM	INTERMEDIATE SCREW EXPORT
BN	KNURLED SCREW (Kollsman)
AC	LARGE INDEX RING
BQ	LARGE THREE PIN
BR	LOCKING FOUR PIN
BS	MEDIUM BIPIN
BT	MEDIUM BIPOST
BU	MEDIUM PREFOCUS
BV	MEDIUM SCREW
BW	MEDIUM SCREW EXPORT
BX	MEDIUM SCREW SKIRTED
BY	MEDIUM SIDE PRONG
BZ	METAL SLEEVE WITH FLEXIBLE WIRE LEADS
CA	MIDGET FLANGED
CB	MIDGET GROOVED
CC	MIDGET SCREW
CD	MINIATURE BAYONET
CE	MINIATURE BAYONET PINLESS
CF	MINIATURE BAYONET

REPLY CODE	REPLY (AD36)
CG	SKIRTED MINIATURE BIPIN
CH	MINIATURE CANDELABRA SCREW
CJ	MINIATURE CAP CONICAL END
CK	MINIATURE CAP CYLINDRICAL END
CL	MINIATURE PINLESS
CM	MINIATURE SCREW
CN	MINIATURE TWO PIN
CP	MOGUL BIPIN
CQ	MOGUL BIPOST
CR	MOGUL END PRONG
CS	MOGUL END PRONG WITH CERAMIC BLOCK
CT	MOGUL PREFOCUS
CU	MOUGL SCREW
CV	MOGUL SCREW EXPORT
CW	MOUNTING LUGS-BEADED WIRE LEADS
CX	OCTAL FIVE PIN
CY	OCTAL THREE PIN
CZ	OVAL SMALL FOUR PIN
DA	RADIO FOUR PIN
DB	RECESSED DOUBLE CONTACT
DC	RECESSED SINGLE CONTACT
DD	RECTANGULAR RECESSED SINGLE CONTACT
DE	SINGLE CONTACT BAYONET CANDELABRA
DF	SINGLE CONTACT BAYONET CANDELABRA EXPORT
DG	SINGLE CONTACT BAYONET CANDELABRA INDEXING
DH	SINGLE CONTACT BAYONET CANDELABRA PINLESS
DJ	SINGLE CONTACT CANDELABRA PINLESS
DK	SINGLE CONTACT CANDELABRA PREFOCUS
DL	SINGLE CONTACT MEDIUM BAYONET EXPORT
DM	SINGLE CONTACT MINIATURE FLANGED
FF	SINGLE PIN
DN	SINGLE PIN FLUTED
AD	SMALL INDEX RING

REPLY CODE	REPLY (AD36)
DP	SPADE PIN
DQ	SPADE SINGLE CONTACT TERMINAL
DR	SPECIAL FIVE PIN
DS	SPECIAL MINIATURE, ONE AND ONE-HALF TURN THREAD
DU	SPECIAL NO. 10-64 THREAD
DT	SPECIAL SLEEVE
DV	SPECIAL 952 SCREW
DW	SPECIAL 952 SCREW WITH DIMMER SLEEVE
DX	SUBMIDGET FLANGED
DY	SUBMINIATURE TWO PIN
DZ	SURGICAL FLANGE, STYLE 1
EA	SURGICAL FLANGE, STYLE 2
EB	SURGICAL SCREW
EC	TAB
ED	TELEPHONE SLIDE NO. FIVE
EE	TELEPHONE SLIDE NO. ONE
EF	TELEPHONE SLIDE NO. TWO
EG	TELEPHONE SLIDE SPECIAL
EH	THREE CONTACT LUGS
EJ	THREE CONTACT MEDIUM BAYONET
EK	THREE CONTACT MEDIUM SCREW
EL	THREE CONTACT MOGUL SCREW
EM	THREE PRONG-TWO PRONG
EN	THREE SCREW TERMINALS
EP	THREE SLIP-ON TERMINALS
EQ	THREE WIRE LEADS
EZ	TWO BUTTON
ER	TWO CONTACT LUGS
FA	TWO PIN PREFOCUS
ES	TWO SCREW TERMINALS
ET	TWO SLIP-ON TERMINALS
EU	UNTHREADED CYLINDER W/SCREW TERMINAL
EV	VENTILATED LARGE INDEXING RING
EW	WEDGE
EX	WIRE TERMINALS, DOWN
EY	WIRE TERMINALS, UP

NOTE: THE REPLIES LISTED BELOW ARE
INTERNATIONAL ELECTROMECHANICAL COMMISSION

REPLY CODE (IEC) LAMP BASE TYPES	REPLY (AD36)
LG	B15d/19 (SBC)
FW	B15d/24 X 17 (SBC Skirted)
FX	B15d/27 X 22 (SBC Skirted)
FY	B15d/29 X 26 (SBC Skirted)
LH	B15s/19 (SCC)
GA	B15s/24 X 17 (SCC Skirted)
GB	B15s/27 X 22 (SCC SKIRTED)
GC	B15s/29 X 26 (SCC Skirted)
GE	B22d - 54 (Ceramic)
GF	B22d - 68 (Ceramic)
LJ	B22d-3(90/135O)/25 X 26
LK	B22d/22 (BC)
GD	B22d/25 X 26 (BC Skirted)
LL	B22s/22 (BC)
GH	B22s/25 X 26 (BC Skirted)
LF	B9.5s/11 (Wootton Bayonet)
LQ	BA15d (SBC)
LR	BA15s (SCC)
FL	BA20d (BOSCH)
FM	BA20s (BOSCH)
FN	BA21d - 3 (120)
FP	BA21s - 3 (120)
LM	BA7s/11
LN	BA9s/13 (MCC)
LP	BA9s/14 (MCC)
FQ	BAY15d (SBC Indexing)
FR	BAY15s (SCC Indexing)
GJ	BY22d (For Sodium Lamps)
LT	E10/12
LW	E10/13 (MES)
JE	E10/19 X 13 (MES Skirted)
LX	E12/15
LY	E12/20 X 15
LZ	E14/20 (SES)
JG	E14/23 X 15 (SES Skirted)
JH	E14/25 X 17 (SES Skirted)
MA	E17/20
MB	E26/24
KS	E26d
HN	E27-3 FIN PREFOCUS
MC	E27/25 (ES)
MD	E27/27 (ES)
JJ	E27/51 X 39 (ES Skirted)
ME	E39/41
MF	E40/41 (GES)
MG	E40/45 (GES)

REPLY CODE	REPLY (AD36)
JD	E5/15 X 6 (LES Skirted)
LS	E5/9 (LES)
MH	EP10/14 X 11 (Prefocus MES)
KD	Fa4 (Single Pin for Tubular Lamps)
GQ	Fa6 (Single Pin for Fluorescent)
GR	Fc6.4 - 0.8
KW	G10 q (4 Pin for Circular Fluorescent)
MN	G16t/23 X 22
MP	G17q - 7 - FOUR PIN INDEXING
GP	G19 (Bi-pin)
HG	G22
KL	G36
GK	G4
GL	G5.3
MJ	G6.35 - 15
MK	G6.35 - 20
ML	G6.35 - 25
MM	G6.35 - 30
GN	G9.5
MW	GX19q - 7 - FOUR PIN INDEXING
MQ	GX6.35 - 15
MR	GX6.35 - 20
MS	GX6.35 - 25
MT	GX6.35 - 30
HJ	GX9.5
HM	GY16
NA	GY19q - 7 - FOUR PIN INDEXING
MX	GY6.35 - 15
MY	GY6.35 - 20
MZ	GY6.35 - 25
NY	GY6.35 - 30
HL	GY9.5
NB	INSULATED KOLLSMAN SCREW
NC	KOLLSMAN SCREW
HR	P15.5s
HS	P18s
HT	P28d (DC Medium Prefocus)
ND	P28s/24 (Medium Prefocus)
NE	P28s/33 (Medium Prefocus)
HY	P36d (BPF DC)
HZ	P36s (BPF SC)
NF	P38s (Small Bell and Howell)
NG	P38s WITH 3 FLATS
NH	P40s/41 - (Large Prefocus)

REPLY CODE	REPLY (AD36)
NJ	P40s/55 - (Large Prefocus)
NK	P43t - 38
NL	P45t - 41
KN	P46s WITH 3 FLATS
JB	PG22 - 6.35
JC	PK22s
JY	S12s (Peg)
NP	S5.5s (Medige Groove)
NQ	S5.7s/8
KJ	SIDE CLIPS
KK	SIDE CLIPS WITH COLOREL END
JR	SPECIAL 1.7 x 0.35 mm THREAD
JM	SPECIAL 10 BA THREAD
NN	SPECIAL 2 BA THREAD
JQ	SPECIAL 2.2 x 0.45 mm THREAD
JP	SPECIAL 4.0 x 0.70 mm THREAD
JN	SPECIAL 5/32 WHIT THREAD
JL	SPECIAL 8 BA THREAD
JS	SPECIAL 953 SCREW
NM	SPECIAL KOLLSMAN SCREW
NR	SV7/6.8 (Miniature Festoon)
NS	SV7/8 (Miniature Festoon)
NT	SV8.5/5 (Small Festoon)
NW	SV8.5/6.5 (Small Festoon)
NX	SV8.5/8 (Small Festoon)
GX	T4.6
GY	T5.5
GZ	T5.5K
HA	T5.5K m/
HB	T5.8
HC	T6.5
HD	T6.6
HE	T6.8
HF	T7
KF	W10.6 x 8.5d (Photo Flash Bulb)
KE	W2 x 4.6d (Wedge)
LB	W2.1 x 9.5d (Wedge)
LC	W3.3 x 10.4d (Glass Groove)
KG	X511

Table 3 - MOUNTING METHODS

MOUNTING METHODS

REPLY CODE	REPLY (AB89)
A	ANY ACCEPTABLE
AB	BRACKET

REPLY CODE	REPLY (AB89)
CZ	BUSHING
YW	CAM LOCK
AD	CLAMP
YX	CLAMPING BAR
CR	CLIP
DA	CONDUIT
XS	CONNECTOR PLUG
GB	CORD GRIP (clamp)
HN	COUPLING RING
BY	EXTERNAL THREADED
ZB	EXTERNAL THREADED RING
AF	FLANGE
YZ	GLUE
FM	GROOVE
ML	HOLE
CW	HOLES FOR SCREWS
AK	HOOK
BZ	INTERNAL THREADED
ZA	LOCK RING
DB	LOOP CLAMP
KL	PANEL
GC	PENDANT
GD	PENDANT W/COMPOSITION BUSHING
GE	PENDANT W/COMPOSITION BUSHING AND CORD GRIP
GF	PENDANT W/PORCELAIN BUSHING
FJ	PIN
ZC	PLUG
CV	RETAINER RING
ZD	RETAINING EAR
YV	RETAINING PIN
FB	SLOT
DC	SNAP BUTTON
CX	SNAP-IN CATCH
AP	SNAP RING
JX	SOCKET
DD	SPEEDNUT
ZE	STRIP
DF	STUD
BQ	TERMINAL
EJ	THREADED BUSHING
CY	THREADED CATCH
BR	THREADED HOLES
AV	TWIST LOCK
BU	UNTHREADED HOLES
DE	V-SPRING
JZ	WIRE LEAD
ZF	YOKE

Table 4 - TERMINAL TYPES

TERMINAL TYPES

REPLY CODE	REPLY (AA58)
A	ANY ACCEPTABLE
AA	BINDING POST
BM	CLIP
BP	CONNECTOR, PLUG
BQ	CONNECTOR, RECEPTACLE
XC	ETCHED CIRCUIT
AJ	FERRULE
XD	INSULATION PIERCING
FR	MALE PLUG
AM	PIN
BG	PLUG
DB	QUICK DISCONNECT, MALE
BE	SCREW
EB	SCREW AND SOLDER LUG
FE	SETSCREW
FW	SOLDER LUG
HL	SOLDER POT
AQ	SOLDER STUD
EM	SPRING
AT	TAB, SOLDER LUG
DZ	TAP, SOLDERLESS LUG
JA	TAPPED HOLE
CH	THREADED HOLE
AZ	THREADED STUD
CP	UNTHREADED HOLE
BB	WIRE LEAD
CK	WIRE LEAD W/LUG

Table 5 - HAZARDOUS LOCATIONS/ENVIRONMENTAL PROTECTION

HAZARDOUS LOCATIONS/ENVIRONMENTAL PROTECTION

REPLY CODE	REPLY (AB27)
AA	ACID RESISTANT
A	ANY ACCEPTABLE
AB	CEMENT TIGHT
DJ	CORROSION RESISTANT
FS	DRIPTIGHT
AC	DRIPTIGHT - NEMA** TYPE 2
CF	DUSTPROOF
AD	DUSTPROOF - NEMA TYPE 13
DY	DUSTTIGHT
AE	DUSTTIGHT - NEMA TYPE 5

REPLY CODE	REPLY (AB27)
CE	EXPLOSION PROOF
AF	EXPLOSION PROOF NEC* CL. I, GP. ABCD; CL. II, GP. EFG; CL. III
AH	EXPLOSION PROOF NEC CL. I, GP. BC; CL. II, GP. EFG; CL. III
AG	EXPLOSION PROOF NEC CL. I, GP. BCD; CL. II, GP. EFG; CL. III
FA	EXPLOSION PROOF NEC CL. I, GP. CD
AJ	EXPLOSION PROOF NEC CL. I, GP. CD; CL. II, GP. EFG; CL. III
AL	EXPLOSION PROOF NEC CL. I, GP. D; CL. II, GP. EFG
AK	EXPLOSION PROOF NEC CL. I, GP. D; CL. II, GP. EFG; CL. III
AM	EXPLOSION PROOF NEC CL. I, GP. D; CL. II, GP. G
AN	EXPLOSION PROOF NEC CL. II, GP. EFG; CL. III
DK	FUNGUS PROOF
CH	FUNGUS RESISTANT
AP	GENERAL PURPOSE - NEMA TYPE 1
BR	MOISTURE RESISTANT
N	NOT RATED
CJ	OILTIGHT
AQ	OILTIGHT - NEMA TYPE 11
EM	RAINTIGHT
AR	RAINTIGHT - NEMA TYPE 3R
DZ	SUBMERSIBLE
AS	SUBMERSIBLE - NEMA TYPE 6
AT	VAPORTIGHT, GASTIGHT
CN	WATERTIGHT
AU	WATERTIGHT - NEMA TYPE 4
DX	WEATHERPROOF
AV	WEATHERPROOF - NEMA TYPE 3

*National Electric Code

**National Electric Manufacturers Association

Refer to Appendix C, Table 4 for NEC Article 500 for Explosion Proof Ratings.

Refer to Appendix C, Table 2 and 3 for NEMA definitions of terms and NEMA Ratings.

Table 6 - SURFACE TREATMENTS

SURFACE TREATMENTS

REPLY CODE	REPLY (AD09)
AN0000	ANODIZED
AN0061	ANODIZED, MIL-A-8625, TYPE 1, NONDYED
A	ANY ACCEPTABLE
BA0000	BLACK OXIDE
BA0012	BLACK OXIDE, MIL-C-13924, CLASS 4
CDR000	CADMIUM PLATED

REPLY CODE	REPLY (AD09)
CD0009	CADMIUM, QQ-P-416, TYPE 2, CLASS 3
CN0000	CHROMATE (Iridite)
CRA000	CHROMIUM PLATED
ENE000	ENAMEL, BAKED
NFG000	NICKEL PLATED
AGE000	SILVER PLATED
SNF000	TIN PLATED
ZNN000	ZINC PLATED

Table 7 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT

REPLY CODE	REPLY (AD08)
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER

REPLY CODE	REPLY (AD08)
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Reference Drawing Groups

REFERENCE DRAWING GROUP A Tables
LAMPHOLDERS AND LAMPHOLDER ASSEMBLY

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA1.000*; ABKWJLA25.4*)

When the source document specifies a tolerance or range, use AND coding ($$) entering the minimum first. (e.g., ABKWJAB2.495$$JAC2.503*)

NOTE: FOR STYLES A1 THROUGH A6, ANSWER TO MRC ABTB IS NOT MANDATORY.

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

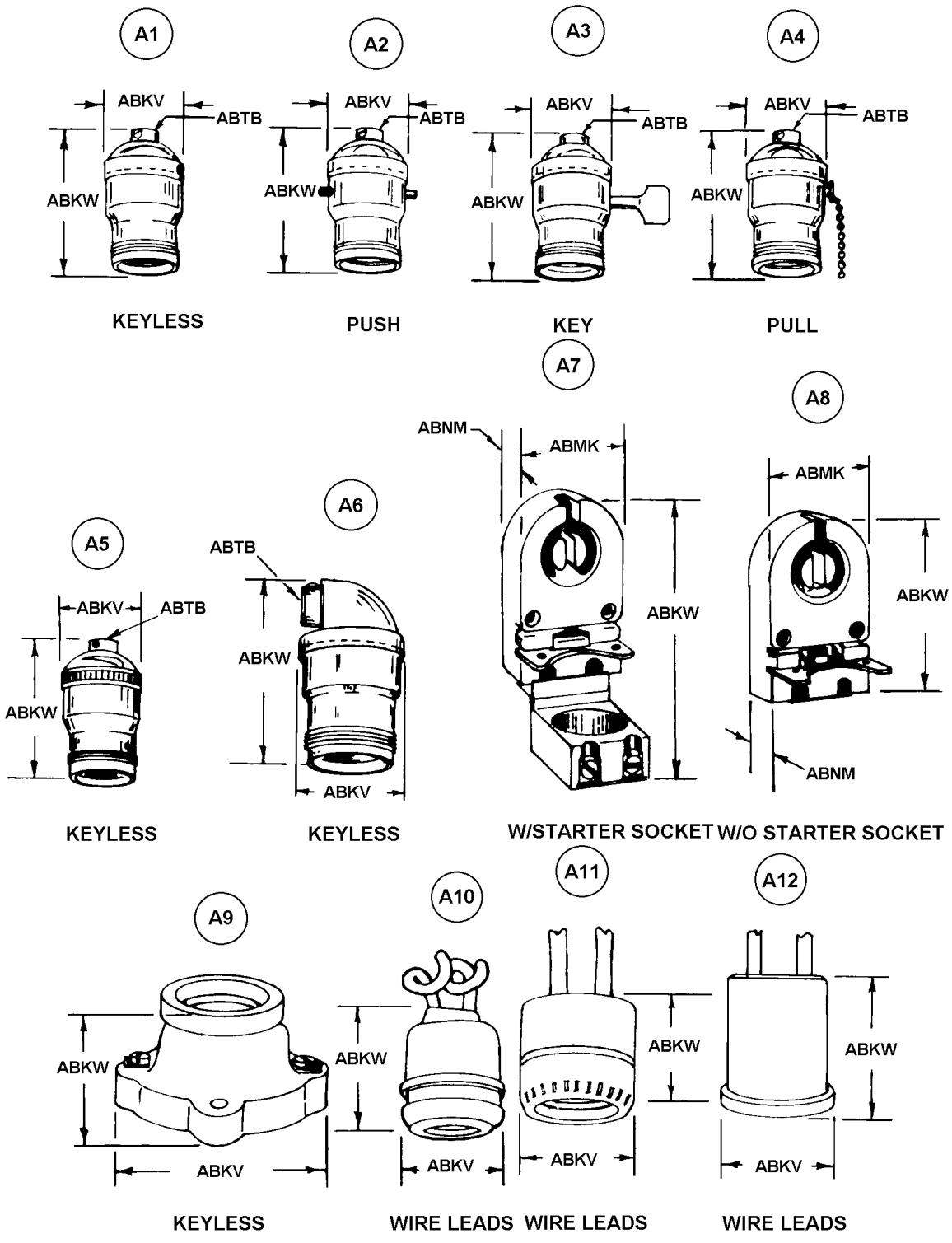
FOR MRC ABKV, THE DIMENSION IS LESS SWITCH ACTUATOR

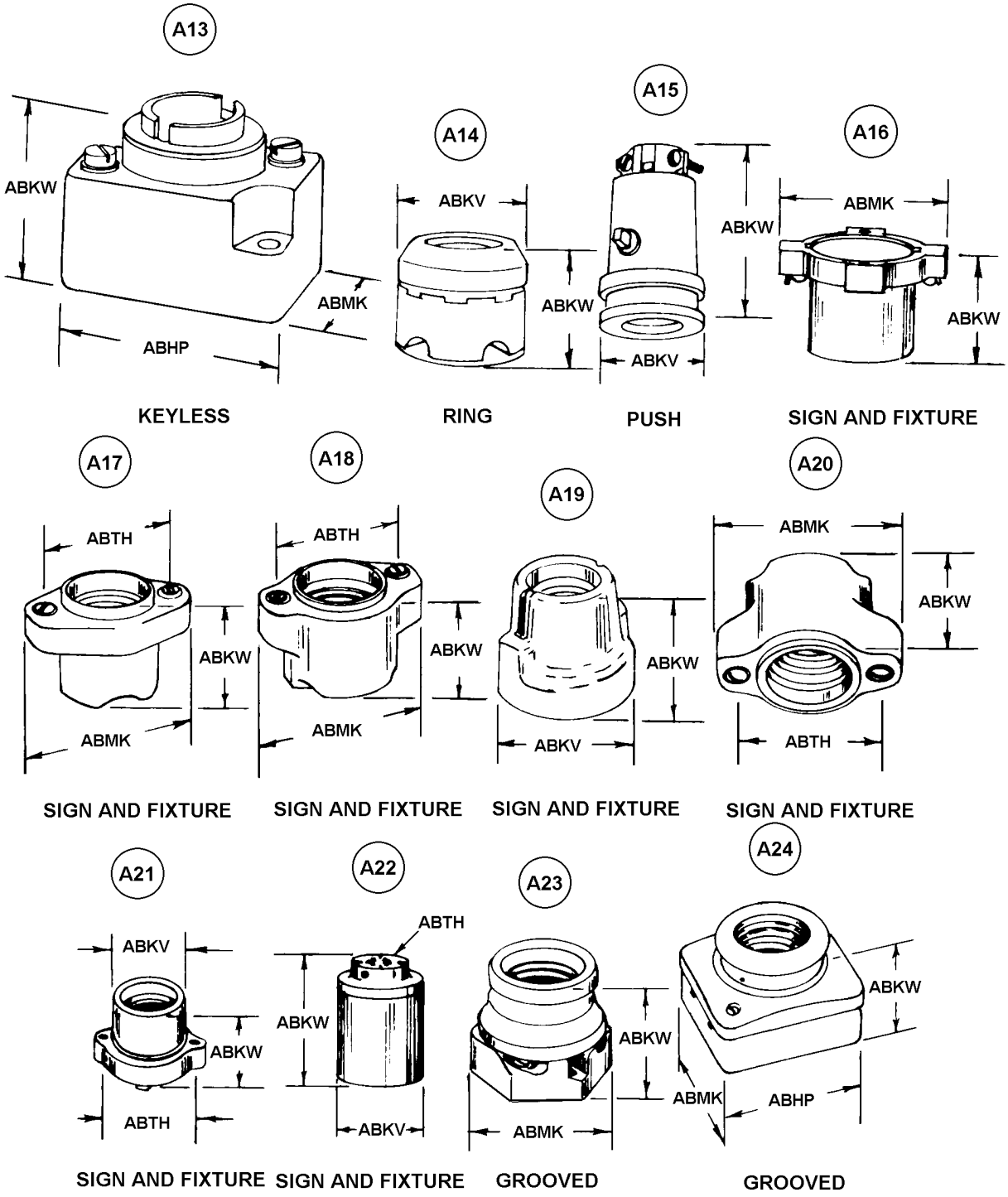
FOR MRC ABKW, THE DIMENSION IS LESS MOUNTING BRACKET

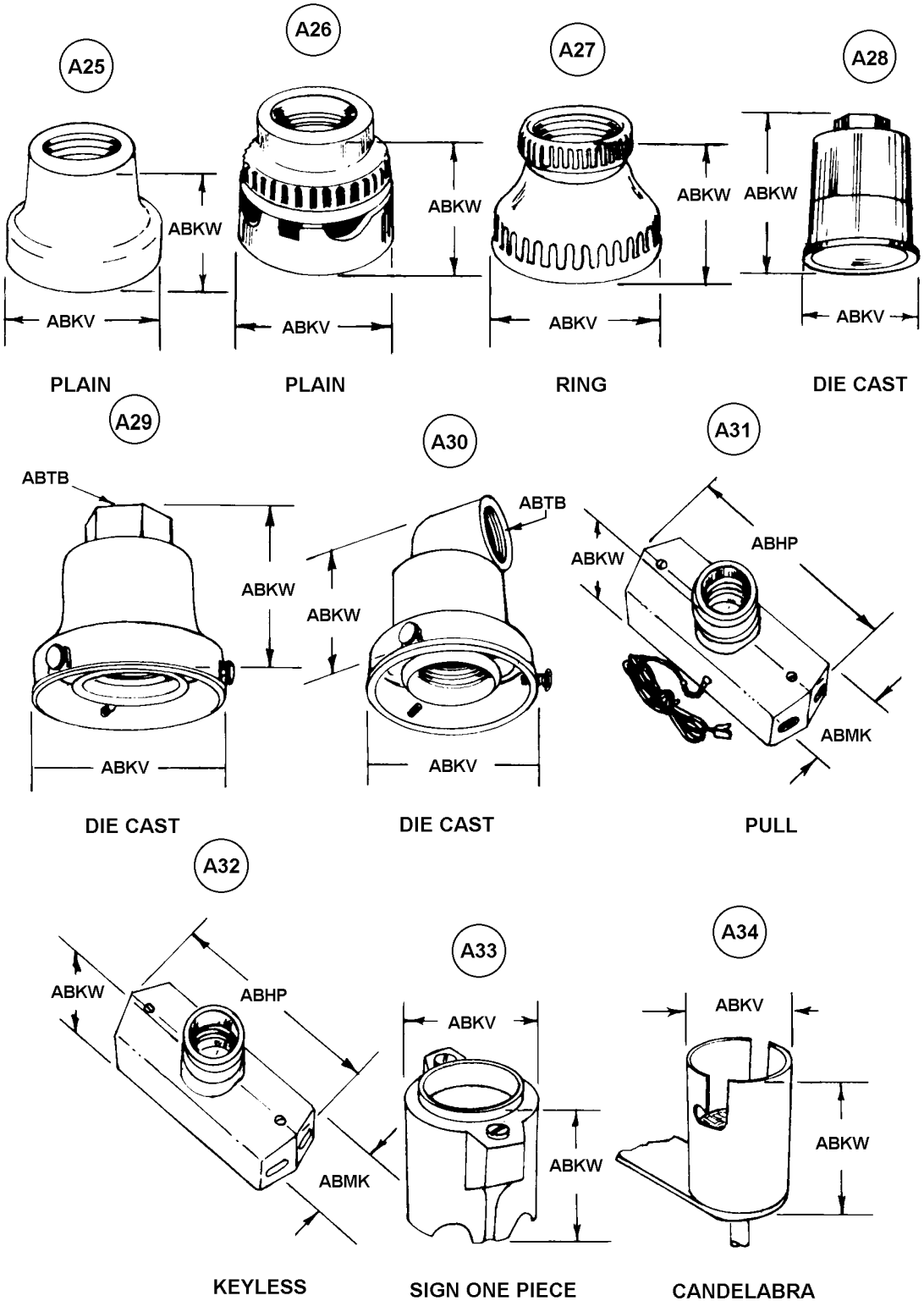
MRC	Mode Code	Name of Dimension
ABHP	J	OVERALL LENGTH
ABKV	J	OUTSIDE DIAMETER
ABKW	J	OVERALL HEIGHT
ABMK	J	OVERALL WIDTH
ABNM	J	THICKNESS
ABTB	J	MOUNTING HOLE DIAMETER
ABTH	J	CENTER TO CENTER DISTANCE BETWEEN MOUNTING HOLES

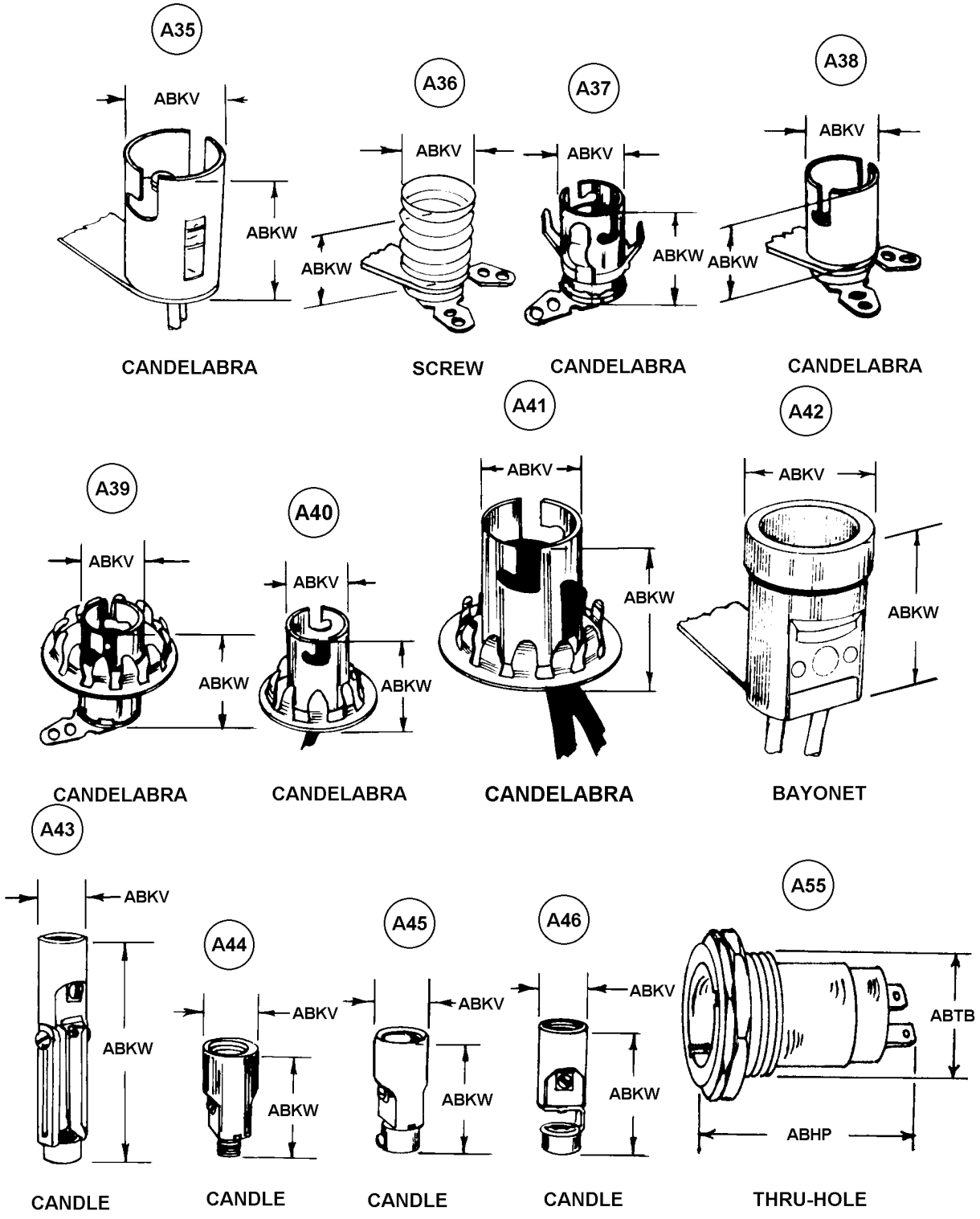
REFERENCE DRAWING GROUP A

LAMPHOLDERS AND LAMPHOLDER ASSEMBLY




A13
ABKW
ABMK
ABHP
KEYLESS
A14
ABKV
ABKW
RING
A15
ABKW
ABKV
PUSH
A16
ABMK
ABKW
SIGN AND FIXTURE
A17
ABTH
ABKW
ABMK
SIGN AND FIXTURE
A18
ABTH
ABKW
ABMK
SIGN AND FIXTURE
A19
ABKW
ABKV
SIGN AND FIXTURE
A20
ABMK
ABKW
ABTH
SIGN AND FIXTURE
A21
ABKV
ABKW
ABTH
SIGN AND FIXTURE
A22
ABTH
ABKW
ABKV
SIGN AND FIXTURE
A23
ABKW
ABMK
GROOVED
A24
ABKW
ABMK
ABHP
GROOVED


A25
A26
A27
A28
ABKW
ABKV
PLAIN
PLAIN
RING
DIE CAST
A29
A30
A31
ABTB
DIE CAST
DIE CAST
PULL
ABHP
ABMK
A32
A33
A34
KEYLESS
SIGN ONE PIECE
CANDELABRA


A35
ABKV
ABKW
CANDELABRA
A36
ABKV
ABKW
SCREW
A37
ABKV
ABKW
CANDELABRA
A38
ABKV
ABKW
CANDELABRA
A39
ABKV
ABKW
CANDELABRA
A40
ABKV
ABKW
CANDELABRA
A41
ABKV
ABKW
CANDELABRA
A42
ABKV
ABKW
BAYONET
A43
ABKV
ABKW
CANDLE
A44
ABKV
ABKW
CANDLE
A45
ABKV
ABKW
CANDLE
A46
ABKV
ABKW
CANDLE
A55
ABTB
ABHP
THRU-HOLE

REFERENCE DRAWING GROUP B Tables
MOUNTING BRACKETS

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA1.000*; ABRYJLA25.4*)

When the source document specifies a tolerance or range, use AND coding ($$) entering the minimum value first. (e.g., ABRYJAB2.495$$JAC2.503*)

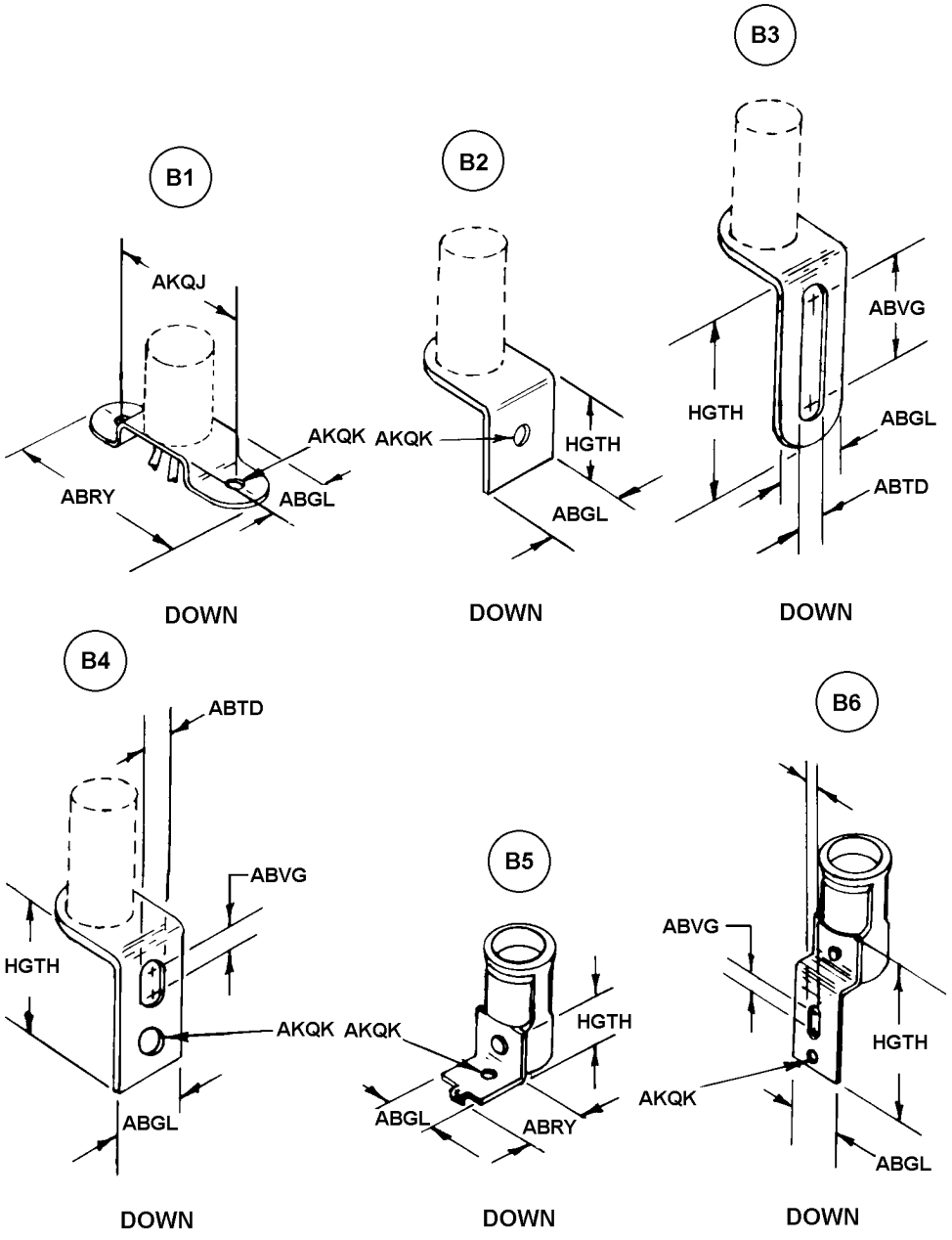
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

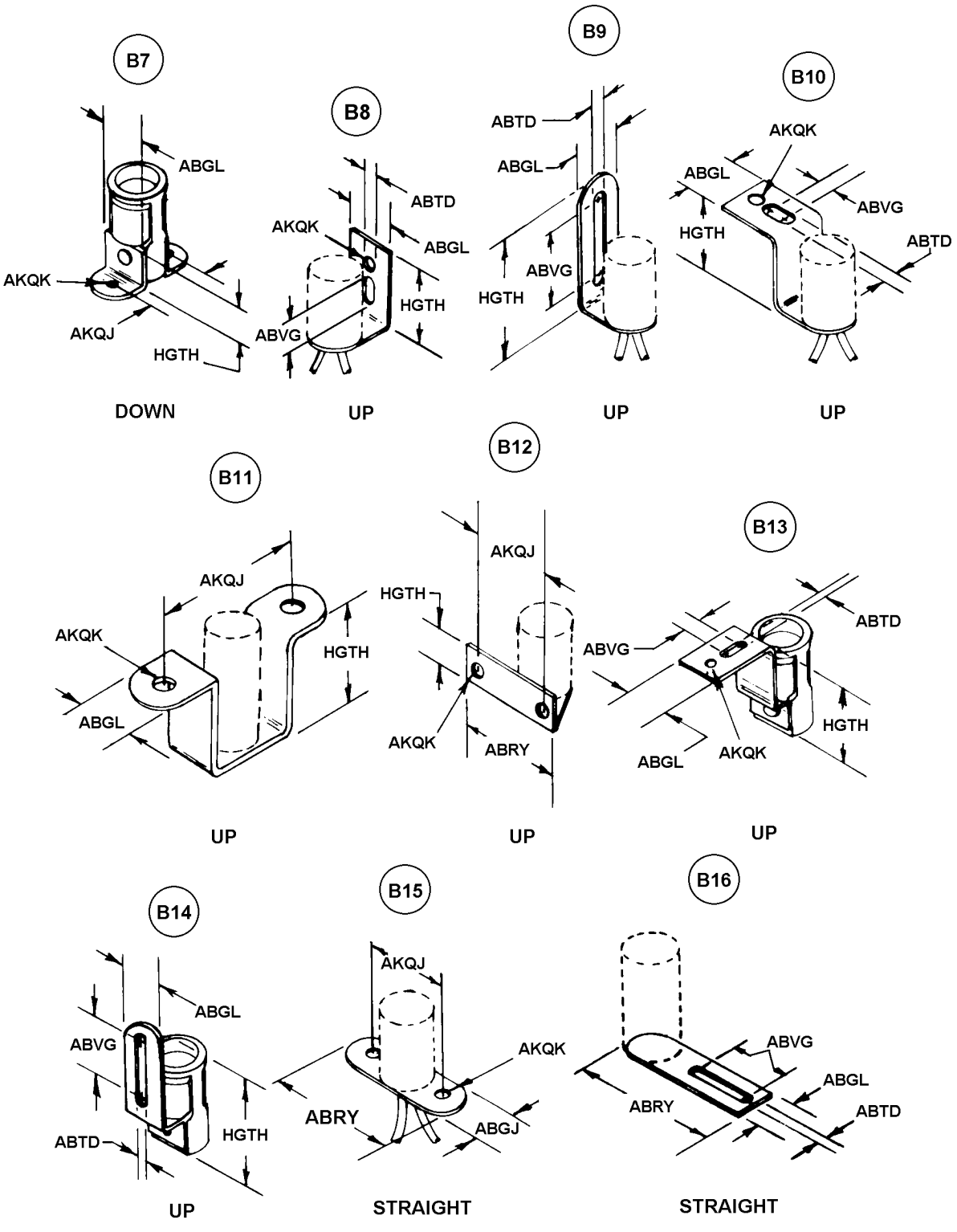
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

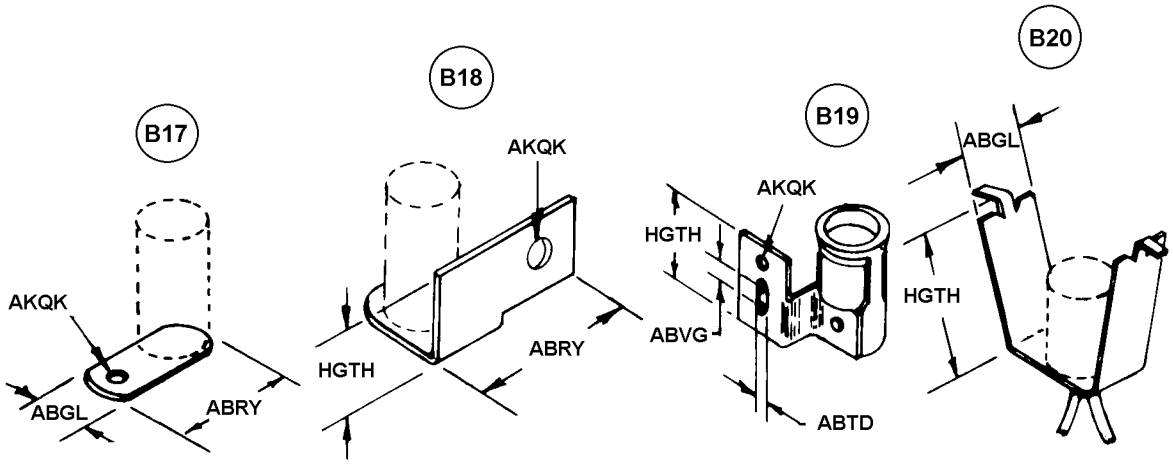
MRC	Mode Code	Name of Dimension
ABGL	J	WIDTH
ABRY	J	LENGTH
ABTD	J	MOUNTING SLOT WIDTH
ABVG	J	MOUNTING SLOT LENGTH
AKQJ	J	CENTER TO CENTER DISTANCE BETWEEN BRACKET MOUNTING HOLES
AKQK	J	BRACKET MOUNTING HOLE DIAMETER
HGTH	J	HEIGHT

REFERENCE DRAWING GROUP B

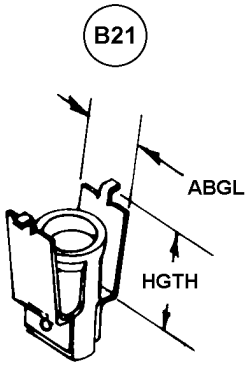
MOUNTING BRACKETS




B7
ABGL
AKQK
AKQJ
HGTH
DOWN
B8
ABTD
AKQK
ABGL
HGTH
ABVG
UP
B9
ABTD
ABGL
ABVG
HGTH
UP
B10
AKQK
ABGL
ABVG
HGTH
ABTD
UP
B11
AKQJ
AKQK
HGTH
ABGL
UP
B12
AKQJ
HGTH
AKQK
ABRY
UP
B13
ABTD
ABVG
HGTH
ABGL
AKQK
UP
B14
ABGL
ABVG
ABTD
HGTH
UP
B15
AKQJ
AKQK
ABRY
ABGJ
STRAIGHT
B16
ABVG
ABGL
ABRY
ABTD
STRAIGHT



STRAIGHT LEFT RIGHT SPRING TENSION



SPRING TENSION

REFERENCE DRAWING GROUP C Tables
MOUNTING CLIPS

INDEX OF MASTER REQUIREMENT CODES

Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEURJAA1.000*; AEURJLA25.4*)

When the source document specifies a tolerance or range, use AND coding ($$) entering the minimum value first. (e.g., AEURJAB2.495$$JAC2.503*)

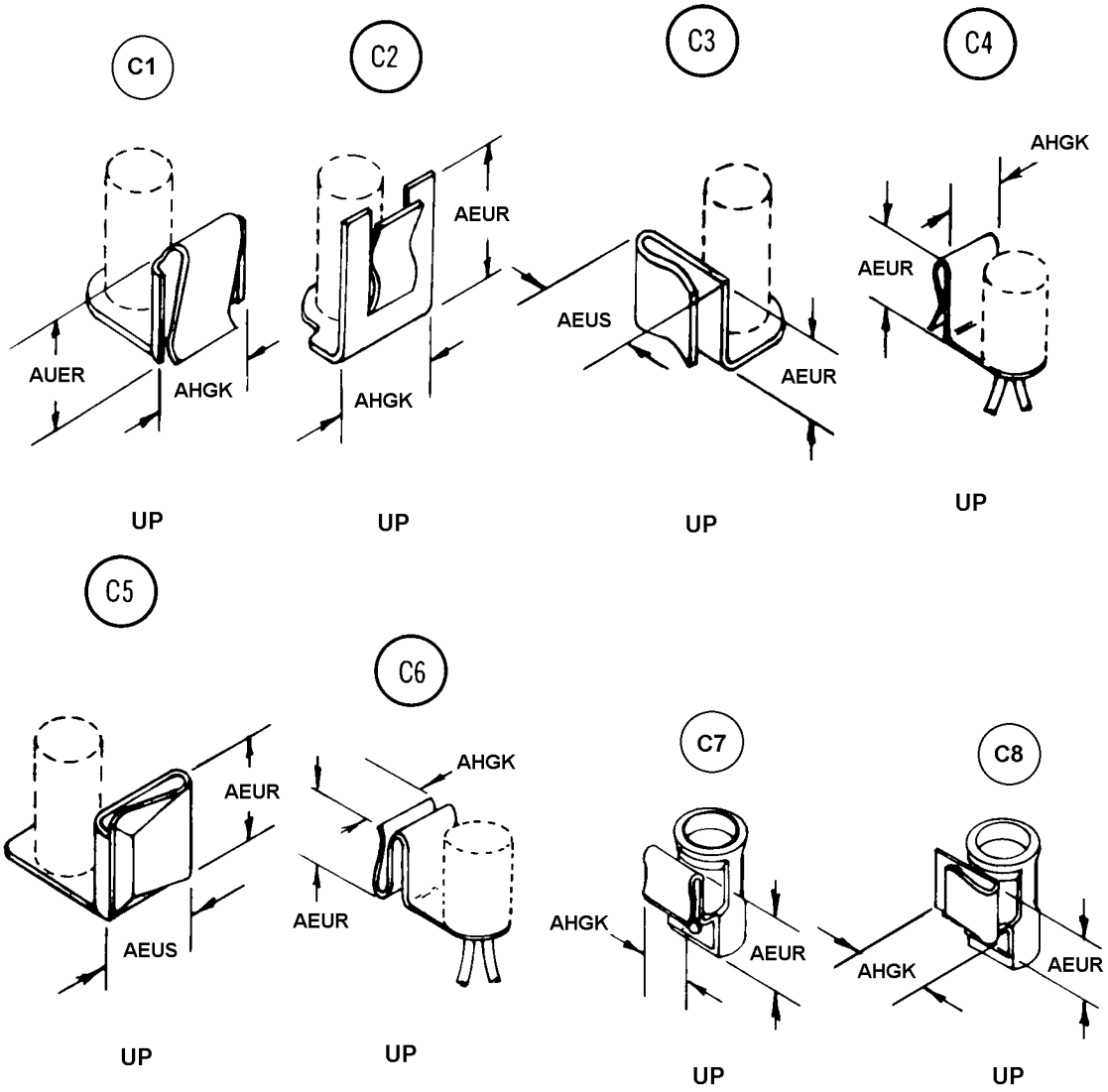
REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

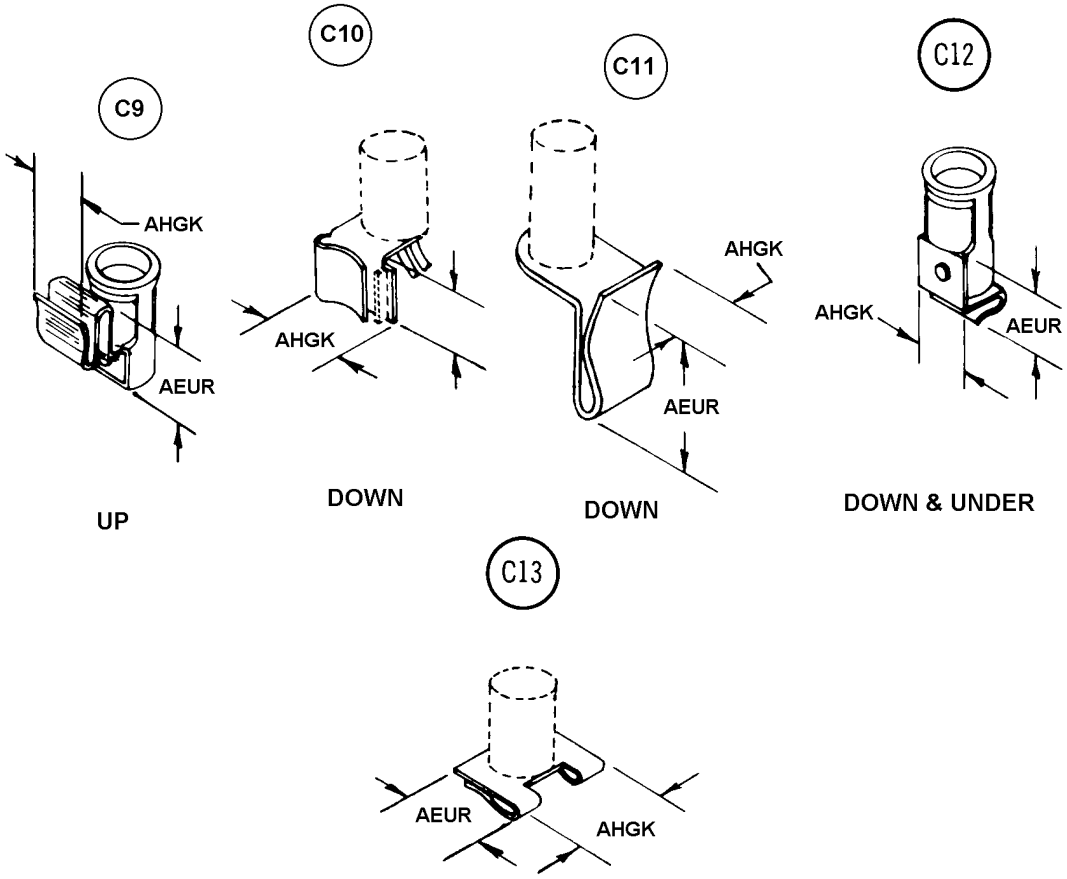
REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Name of Dimension
AEUR	J	CLIP HEIGHT
AEUS	J	CLIP LENGTH
AHGK	J	CLIP WIDTH

REFERENCE DRAWING GROUP C

MOUNTING CLIPS




C9
AHGK
AEUR
UP
C10
AHGK
DOWN
C11
AHGK
AEUR
DOWN
C12
AHGK
AEUR
DOWN & UNDER
C13
AEUR
AHGK
STRAIGHT & UNDER

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

NEMA* DEFINITIONS OF QUALIFYING TERMS

NOTE: Definitions in the above list bearing the identification "C42" are selected from the group 95 definitions proposed by subcommittee 18 of sectional committee C42 for inclusion in the next edition of the "American Standard Definitions of Electrical Terms." Numbers at right of each definition refer to "American Standard Definitions of Electrical Terms," published by American Institute of Electrical Engineers, approved by **American Standards Association. *National Electrical Manufacturers Association **Now American National Standards Institute (ANSI)

1. Acid-Resistant (C42) 95.91.165Acid-resistant means so constructed that it will not be injured readily by exposure to acid fumes.

2. Dustproof (C42) 95.91.126Dustproof means so constructed or protected that dust will not interfere with its successful operation.

3. Dust-tight (C42) 95.91.130Dust-tight means so constructed that dust will not enter the enclosing case.

4. Fume-resistant (C42) 95.91.116Fume-resistant means so constructed that it will not be injured readily by exposure to the specified fumes.

5. Moisture resistant (C42) 95.91.140Moisture-resistant means so constructed or treated that it will not be injured readily by exposure to a moist atmosphere.

6. Oil-tight Oil-tight means so constructed that oil will not enter the enclosing case.

7. Rain-tight (C42) 95.91.175Rain-tight means so constructed or protected that exposure to a beating rain will not result in the entrance of water.

8. Sleetproof (C42) 95.91.170Sleetproof means so constructed or protected that the accumulation of sleet will not interfere with its successful operations.

9. Splashproof (C42) 95.91.160Splashproof means so constructed and protected that external splashing will not interfere with its successful operation.

10. Submersible (C42) 95.91.148Submersible means so constructed that it will operate successfully when submerged in water under specified conditions of pressure and time.

11. Water-tight Water-tight means provided with an enclosing case which will exclude water applied in the form of a hose stream under specified conditions.

12. Weatherproof (Outside Exposure) (C42) 95.91.186Weatherproof means so constructed or protected that exposure to the weather will not interfere with its successful operation.

*National Electrical Manufacturers Association

**Now American National Standards Institute (ANSI)

HAZARDOUS LOCATION CLASSIFICATION

CLASS I - LOCATIONS

"Class I locations are those in which flammable gases or vapors are or may be present in the air in quantities sufficient to produce explosive or ignitable mixtures." Class I includes the following groups:

GROUP A:	Atmospheres containing acetylene;
GROUP B:	Atmospheres containing hydrogen or gases or vapors of equivalent hazard such as manufactured gas;
GROUP C:	Atmospheres containing ethyl-ether vapor, ethylene, or cyclopropane;
GROUP D:	Atmospheres containing gasoline, hexane, naptha, benzine, butane, propane, alcohol, acetone, lacquer solvent vapors, or natural

gas.

CLASS II - LOCATIONS

"Class II locations are those which are hazardous because of the presence of combustible dust." Class II locations include the following groups:

GROUP E: Atmospheres containing metal dust, including aluminum, magnesium, and their commercial alloys;

GROUP F: Atmospheres containing carbon black, coal or coke dust;

GROUP G: Atmospheres containing flour, starch, or grain dust.

CLASS III - LOCATIONS

"Class III locations are those which are hazardous because of the presence of easily ignitable fibers or flyings; but in which such fibers or flyings are not likely to be in suspension in air in quantities sufficient to produce ignitable mixtures."

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

SECONDARY ADDRESS CODING AND PRINT-OUT SEQUENCE

Print-out for secondary address code field indicators will be in accordance with the following table:

SECONDARY ADDRESS CODE FIELD INDICATOR	LAMPHOLDER
1A	FIRST LAMPHOLDER
1B	SECOND LAMPHOLDER
1C	THIRD LAMPHOLDER
1D	FOURTH LAMPHOLDER
1E	FIFTH LAMPHOLDER
1F	SIXTH LAMPHOLDER
1G	SEVENTH LAMPHOLDER
1H	EIGHTH LAMPHOLDER
1J	NINTH LAMPHOLDER
1K	TENTH LAMPHOLDER

FIIG Change List

FIIG Change List, Effective December 4, 2009

Removed SAC Coding form FIIG.

Updated MRC STYL to AND Coding and MRC AAFZ to AND/OR Coding.